Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Thursday 11 Feb 2021 until 23:59 on Friday 12 Feb 2021

Forecast Issued on Wednesday 10 Feb 2021 at 16:25

Confidence: High for a settled, but bitterly cold and windy, end to the week but low with regard to details over the weekend as Atlantic fronts try to introduce milder air.

Headline for Thursday 11 Feb 2021: Dry and sunny but bitterly cold with strong easterly winds

Mountain weather hazards on Thursday 11 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Clear night	Sunny	Sunny	Sunny	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
10%	<05%	00%	00%	00%	00%	00%	00%

Forecast for Thursday 11 Feb 2021

Weather: Any remaining light snow showers soon dying out to leave a dry and increasingly clear night. A sunny day then follows, however lying snow is expected to drift significantly in the wind. Cloud above the summits tending to increase in the evening.

Chance of cloud free mountain/hill tops above 800m: Close to 100% with little or no cloud expected below summit level.

Visibility: Very good with some decent views of surrounding snow covered fells. With plenty of sunshine and snow around glare likely to be issue.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 11 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	28/33 E	29/34 E	31/37 E	34/41 E	30/39 SE	30/40 SE	37/47 SE	41/52 SE	43/55 SE
600	16/21 E	17/23 E	20/28 E	22/31 SE	25/35 SE	25/35 SE	26/37 SE	30/42 SE	31/45 SE
300	3/14 E	4/16 E	5/20 E	7/22 SE	11/27 SE	11/28 SE	9/26 SE	12/31 SE	13/33 SE
Valley	4/14 E	5/17 E	6/19 E	7/20 E	11/26 SE	13/27 SE	10/25 E	12/29 SE	13/29 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-7/-17	-7/-17	-7/-17	-6/-17	-6/-16	-6/-16	-6/-18	-7/-18	-7/-19
600	-5/-12	-5/-13	-5/-14	-5/-13	-3/-11	-3/-11	-4/-13	-5/-15	-6/-16
300	-3/-5	-3/-5	-3/-6	-2/-6	0/-5	0/-5	-2/-6	-2/-8	-3/-9
Valley	-2/-4	-2/-4	-1/-4	-0/-4	2/-2	2/-2	0/-4	-1/-6	-1/-7
Freezing Level*	00m	00m	00m	00m	100m	100m	50m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures close to minus 5 Celsius at dawn. Bitterly cold conditions and deep snow at higher elevations likely to make for some difficult walking conditions. Gusts close to 60mph over ridges and summits in evening.

Forecast for Friday 12 Feb 2021

Weather: Dry with clear or sunny spells, the sunshine rather hazy at times due to thickening cloud above the summits.

Maximum wind: Easterly or southeasterly 30-40mph, with gusts around 60mph over ridges and summits, producing a severe chill effect.

Chance of cloud free mountain/hill tops above 800m: Close to 100% with little or no cloud expected below summit level

Visibility: Very good with some decent views of surrounding snow covered fells. With some good spells of sunshine and plenty of snow around glare likely to continue to be an issue.

Temperature: **Valleys:** Minus 5 or 6 Celsius at dawn rising to plus 1 or 2 Celsius by day
At 800m: Minus 7 Celsius
Freezing level: All levels.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 10 February 2021. Location: Helvellyn summit at 11:44. Full report: We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally, not leaving the village, town or city where they live. Another cold day with lighter winds than the last few days. Terrain is widely frozen down to valley level and ice is present on paths from low levels upwards, particularly around any drainage lines. The fells in the west of the National Park have generally less snow cover than central and eastern fells. On the western side of Helvellyn, the snowline starts at roughly 400m, initially as fragmented patches and above 700m it is a continuous cover up to summit level. Almost all of the snow encountered today was hard and unforgiving with large areas of exposed neve (refrozen snow). An ice axe and crampons/microspikes are essential for anyone venturing onto even moderately steep ground above the snowline. Large paths and other terrain and water features are buried under the snow and can't always be relied upon to find your way. As such, navigation is very difficult in any cloud and whiteout conditions are not unlikely in the coming days. Mobile phone batteries also fail within minutes in cold temperatures so mapping software (Apps) can't be relied upon. A map and compass and good mountain navigation skills are essential for anyone heading onto the higher tops. Steep and exposed routes such as Swirral and Striding edge are in full winter condition and should only be attempted by those with sufficient winter mountaineering experience and appropriate equipment. In the current conditions, a fall in the wrong place could be long and damaging. Cornices weren't really visible today but are likely to be present around corrie rims and along ridge flanks. Extra care should be taken in areas in close proximity to corrie rims which might not be very visible. Full winter clothing (waterproofs, extra warm layers, hat and gloves), mountain boots and additional equipment including a headtorch and survival bag are all essential for anyone going out onto the fells. Goggles are also recommended for navigating in windy conditions. Please be conservative with your plans and aware of your limits. Temperature: minus 7.3 C, Maximum wind speed 23.4 mph, Wind chill: minus 16.4 C, Average wind speed: 15.4 mph.

Issued at: 1625 on Wed 10 Feb 2021

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